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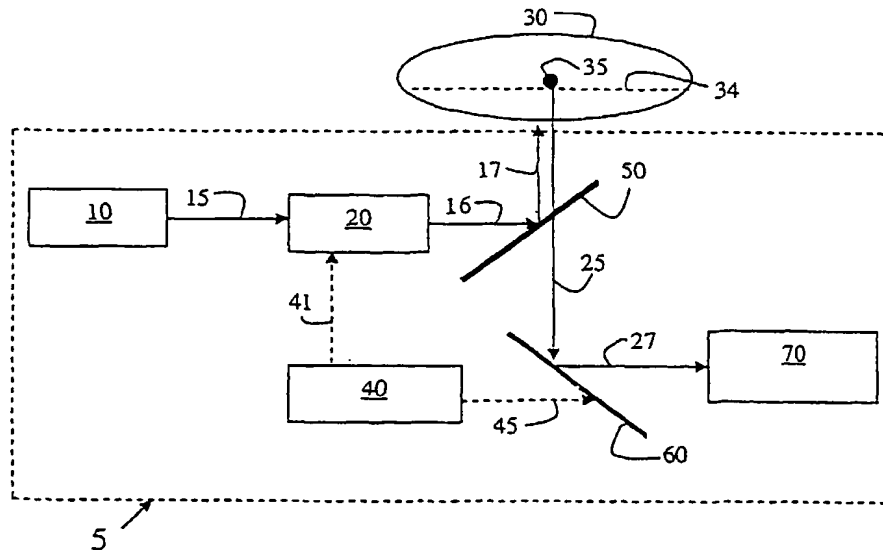
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[Continued on next page]

(54) Title: RANDOM ACCESS HIGH-SPEED CONFOCAL MICROSCOPE



(57) Abstract: Disclosed herein is a confocal imaging system (5) for imaging a specimen. The system comprises a light source (10), a light deflector (20) capable of positioning a beam of light (15) produced by the light source at one of a series of predetermined points on the specimen (30), an addressable spatial filter (60) selectively filtering light from the specimen, and a central processing unit (40) capable of providing selective position control to the light deflector (20) and the addressable spatial filter (60).

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06K 9/00; G02B 21/06; H01J 3/14

US CL : 382/128; 359/368; 250/216

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 382/128; 359/368; 250/216

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,399,935 A (JOVIN et al) 04 June 2002 (4.6.2002).	1-20
A	US 5,587,832 A (KRAUSE) 24 December 1996 (24.12.1996).	1-20
A	US 5,239,178 A (DERNDINGER et al.) 24 August 1993 (24.8.1993).	1-20

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☐ See patent family annex.

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